

Millbrook Power Project

Preliminary Environmental Information Report - Figures

On behalf of **Millbrook Power Limited.**



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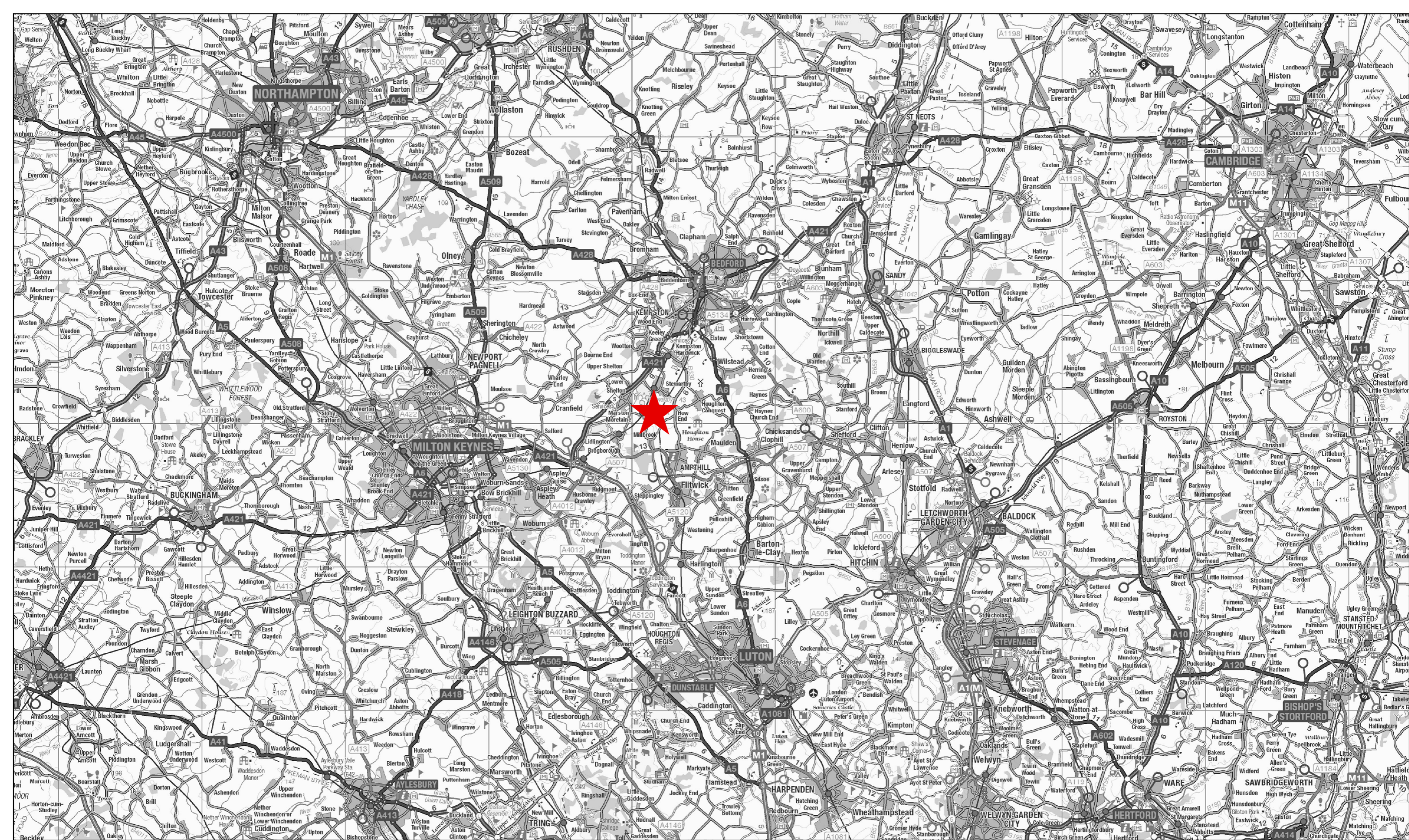
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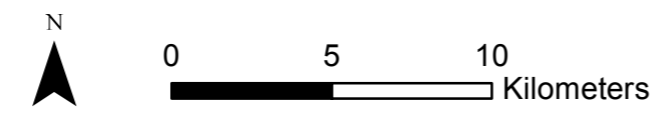


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Site Location

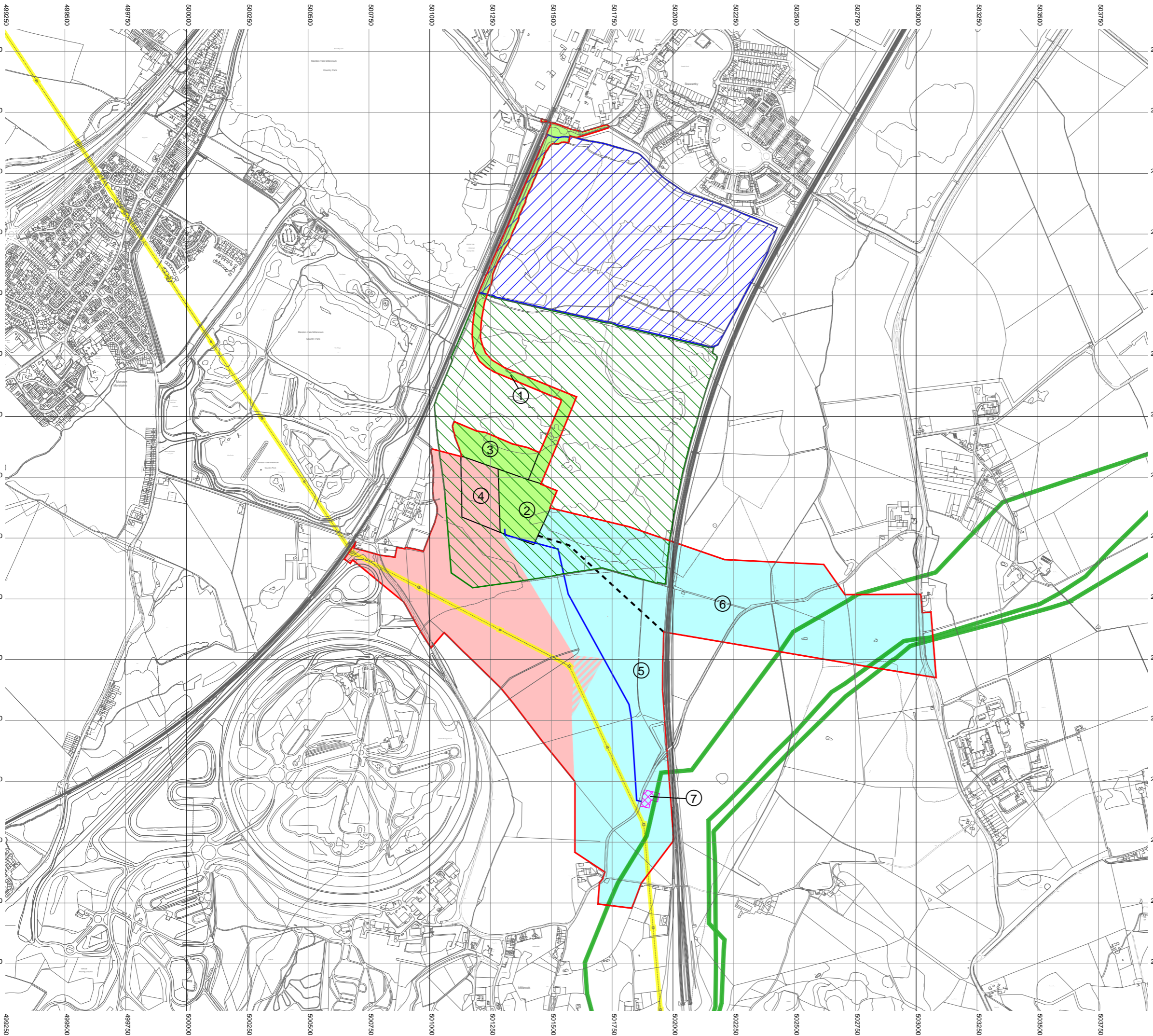


Legend



Date	09/2014
Scale	1:230,000 @ A3
Drawn By	HF
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Figure Number	xx

Figure 1.1



Legend:

- Proposed Redline Boundary (Incorporating Alternative Options)
- Gas Connection Route Corridors
- Electrical Connection Area
- Overlap Between Electrical and Gas Connection Areas
- Power Generation Plant Site
- Rookery North Pit
- Rookery South Pit Post LLRS
- 400kV Overhead Electricity Transmission Lines
- National Gas Transmission System
- Indicative Gas Connection Route (Preferred)
- Access Road
- Generating Equipment Site
- Laydown Area
- Location of Substation
- Gas Connection Route Corridor 1 (Preferred)
- Gas Connection Route Corridor 2
- Indicative AGI Location
- Divide Between Gas Connection Route Corridors 1 and 2

① Access Road
 ② Generating Equipment Site
 ③ Laydown Area
 ④ Location of Substation
 ⑤ Gas Connection Route Corridor 1 (Preferred)
 ⑥ Gas Connection Route Corridor 2
 ⑦ Indicative AGI Location

--- Divide Between Gas Connection Route Corridors 1 and 2

0.25 km 0.5 km 0.75 km 1 km

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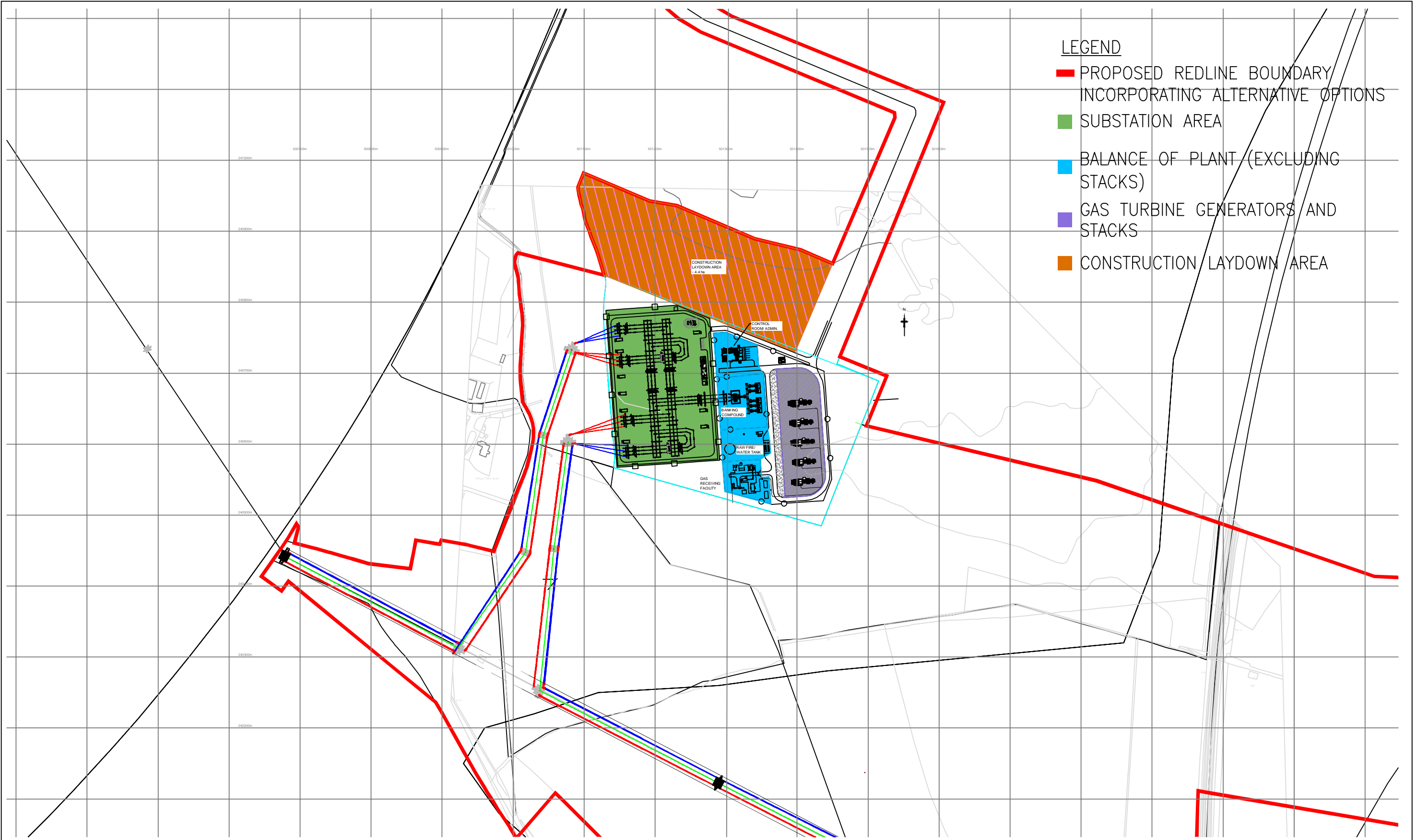
Title:
 Figure 1.2 – Project Site

Scale: 1:15000 @ A3	Date: October 2014
Drawing No: Sheet 1 of 1	Revision: v1.5
Approved By: TP	Checked By: CC
	Drawn By: AA

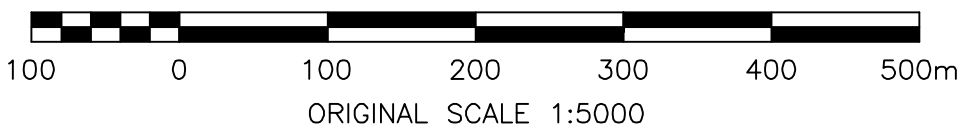
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287533A
Revision
A-P1

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Log in: Capon, David
Plot Date: 02/10/2014 14:11:30



- LEGEND**
- PROPOSED REDLINE BOUNDARY INCORPORATING ALTERNATIVE OPTIONS
 - SUBSTATION AREA
 - BALANCE OF PLANT (EXCLUDING STACKS)
 - GAS TURBINE GENERATORS AND STACKS
 - CONSTRUCTION LAYDOWN AREA



Rev	Date	Description	By	Chk	App	Notes
A-P1	02/10/2014	FIRST ISSUE	DGC	RAB	WEH	

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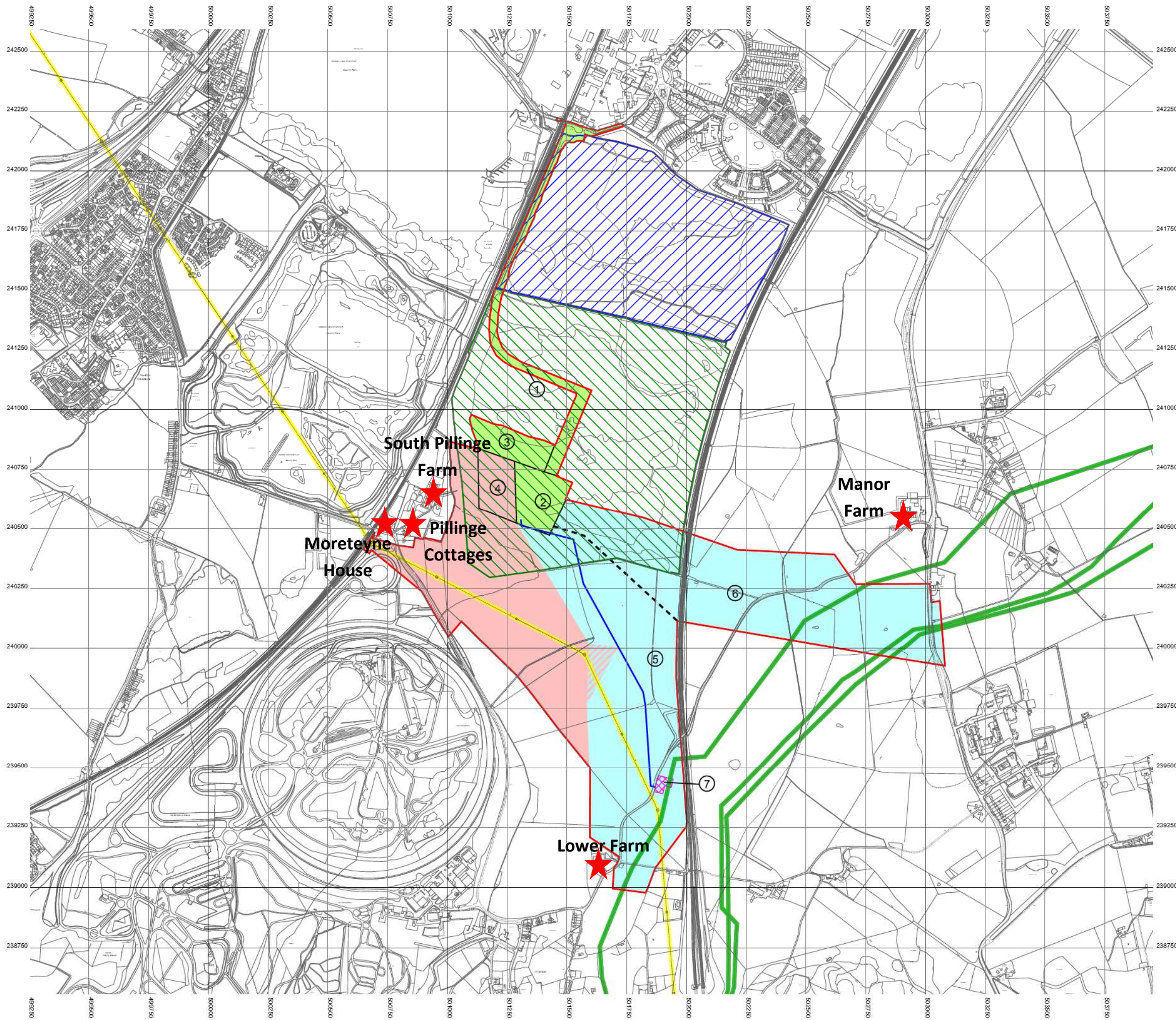
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Project:

Title:

FIGURE 2.1 INDICATIVE ILLUSTRATION OF THE POSITION AND LAYOUT OF GENERATING EQUIPMENT, ELECTRICAL CONNECTION AND LAYDOWN AREA

INDICATIVE			
Drawn: DGC	Checked: RAB		
Designed: RAB	Approved: WEH		
Date: 02/10/2014	Scale: AS SHOWN	A3	Sheet: 1 OF 1
Project Number: 287533A	Drawing Number: PBP-G-0006A-P1	Revision:	
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Legend:

- Proposed Redline Boundary (Incorporating Alternative Options)
- Gas Connection Route Corridors
- Electrical Connection Area
- Overlap Between Electrical and Gas Connection Areas
- Power Generation Plant Site
- Rookery North Pit
- Rookery South Pit Post LLRS
- 400kV Overhead Electricity Transmission Lines
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- Indicative Gas Connection Route (Preferred)
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- Generating Equipment Site
- Laydown Area
- Location of Substation
- Gas Connection Route Corridor 1 (Preferred)
- Gas Connection Route Corridor 2
- Indicative AGI Location
- Divide Between Gas Connection Route Corridors 1 and 2

Noise Sensitive Receptors

↑

0.25 km 0.5 km 0.75 km 1 km

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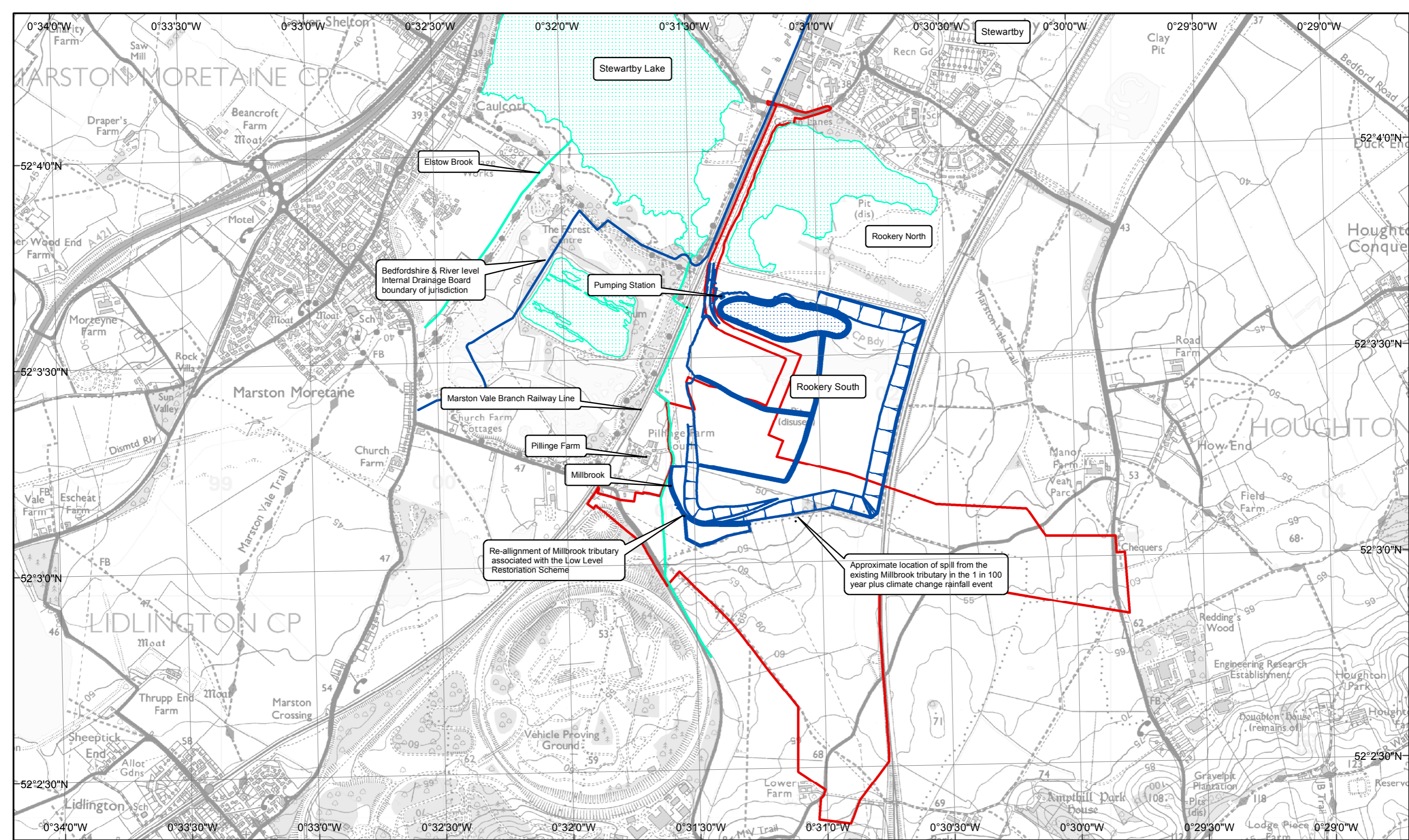

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Figure 7.1 – Noise Sensitive Receptors

Scale: 1:15000 @ A3	Date: October 2014
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Approved By: TP	Checked By: CC
	Drawn By: AA


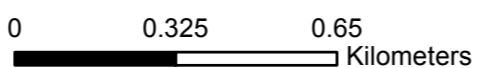


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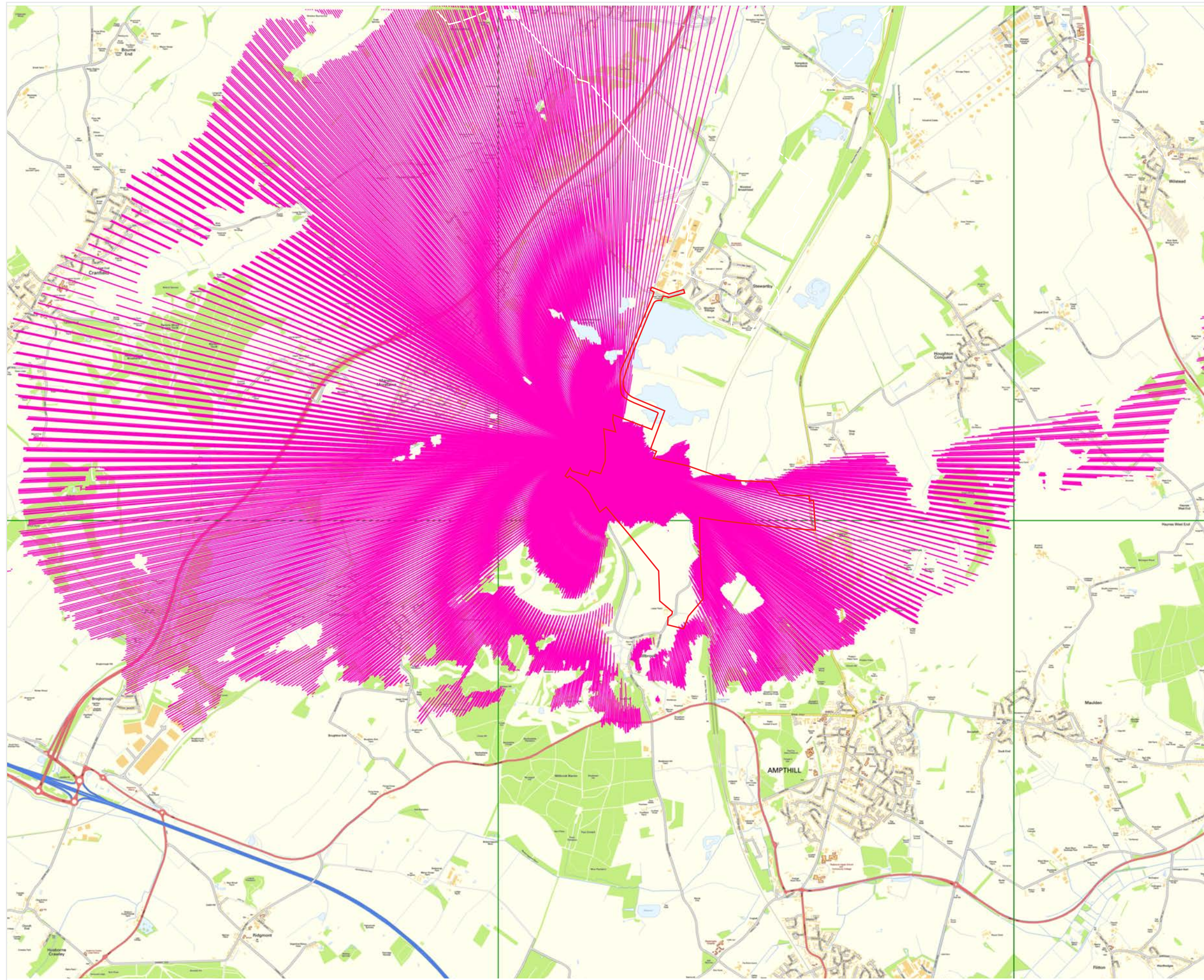
Water Courses in the Vicinity of the Project Site



Legend

-  LLRS Works
-  Existing Waterbody / Watercourse
-  Proposed Redline Boundary (Incorporating Alternative Options)
-  Existing Waterbody / Watercourse

Date	09/2014
Scale	1:15,250 @ A3
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Checked By	xx
Figure Number	xx
Figure 9.1	



LEGEND:

-  Proposed Redline Boundary (Incorporating Alternative Options)
-  Visibility Rays

11.1 MILLBROOK POWER PROJECT

ZONE OF THEORETICAL VISIBILITY

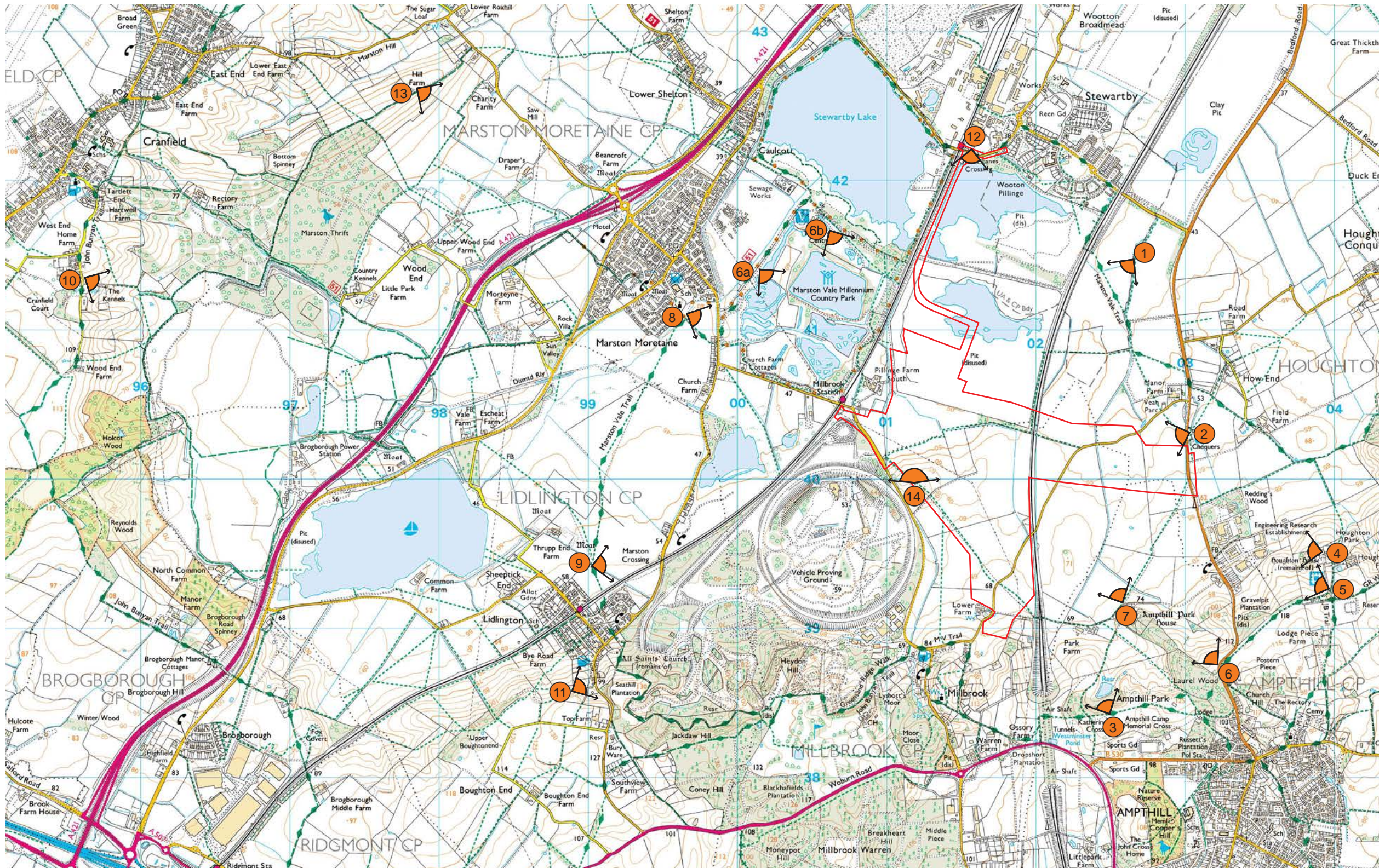


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Drawing No.
31116-01

Mark	Revision
REV	Date 30.09.14
	Scale As Shown
	Drawn RJ
	Checked NE

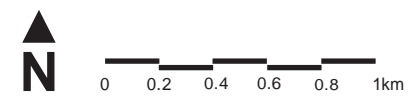
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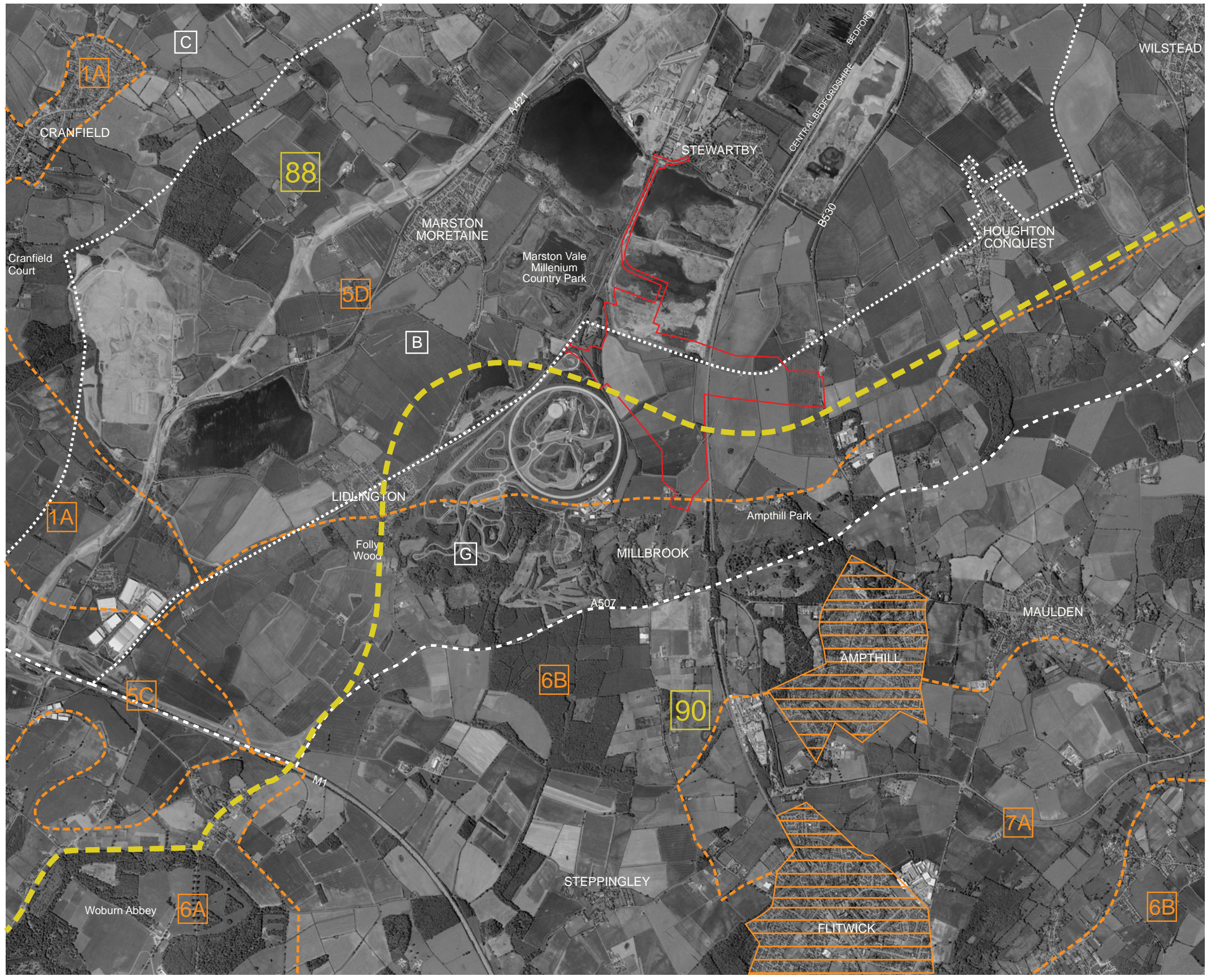
LEGEND:

- Proposed Redline Boundary (Incorporating Alternative Options)
- Photographic viewpoint locations

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11.2 MILLBROOK POWER PROJECT	
PHOTOGRAPH LOCATIONS	
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www.peterbrett.com	
Mark	Revision
REV	Date 4.9.2014
	Scale As shown
	Drawn LT
	Checked NE
Drawing No.	
31116 - 02	



LEGEND:

- Proposed Redline Boundary (Incorporating Alternative Options)
- National Landscape Character Area ¹
- 88 Bedfordshire and Cambridgeshire Claylands
- 90 Bedfordshire and Greensand Ridge
- County Landscape Character Area ²
- 1A Cranfield to Stagsden Clay Farmland
- 5C Salford – Aspley Clay Vale
- 5D North Marston Clay Vale
- 6A Woburn Greensand Ridge
- 6B Mid Greensand Ridge
- 7A Flit Greensand Valley
- [Urban] Urban
- Forest of Marston Vale Landscape Character Area ³
- B Brickfields
- C Clay Ridge
- G Greensand Ridge and East Vale

Notes

- 1). Natural England, 2014. 'National Character Area profile: 88', NE555. Sheffield: Natural England. Natural England, 2014. 'National Character Area profile: 90', NE481. Sheffield: Natural England.
- 2). Land Use Consultants, 2007. 'Mid Bedfordshire Landscape Character Assessment'. London: Land Use Consultants.
- 3). Forest of Marston Vale, 2000. 'The Forest of Marston Vale: Forest Plan'. Marston Moretaine: Forest of Marston Vale.

11.3 MILLBROOK POWER PROJECT

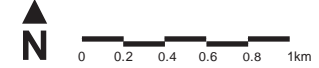
LANDSCAPE CHARACTER

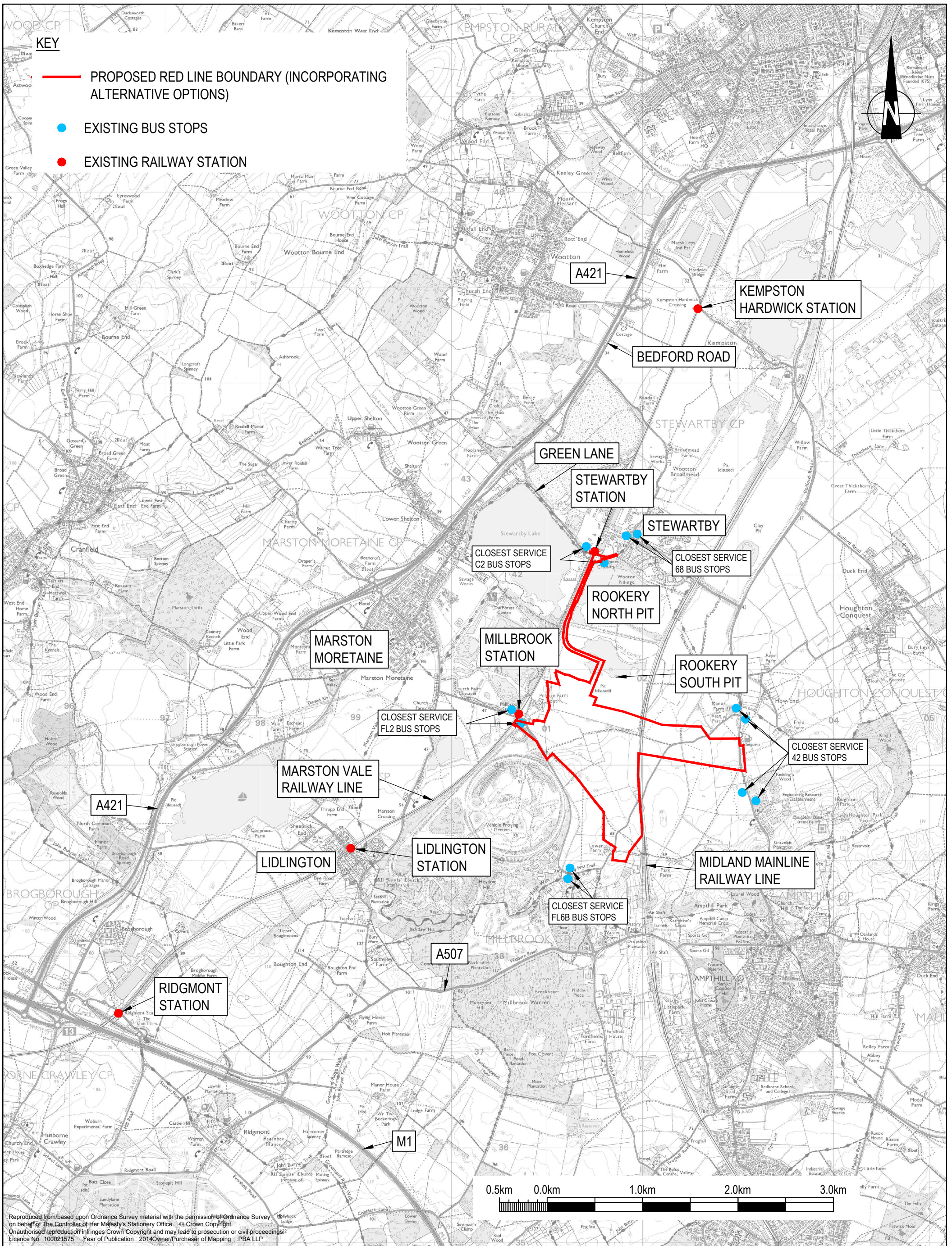


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31116-03	REV		30.09.14	As Shown	NE
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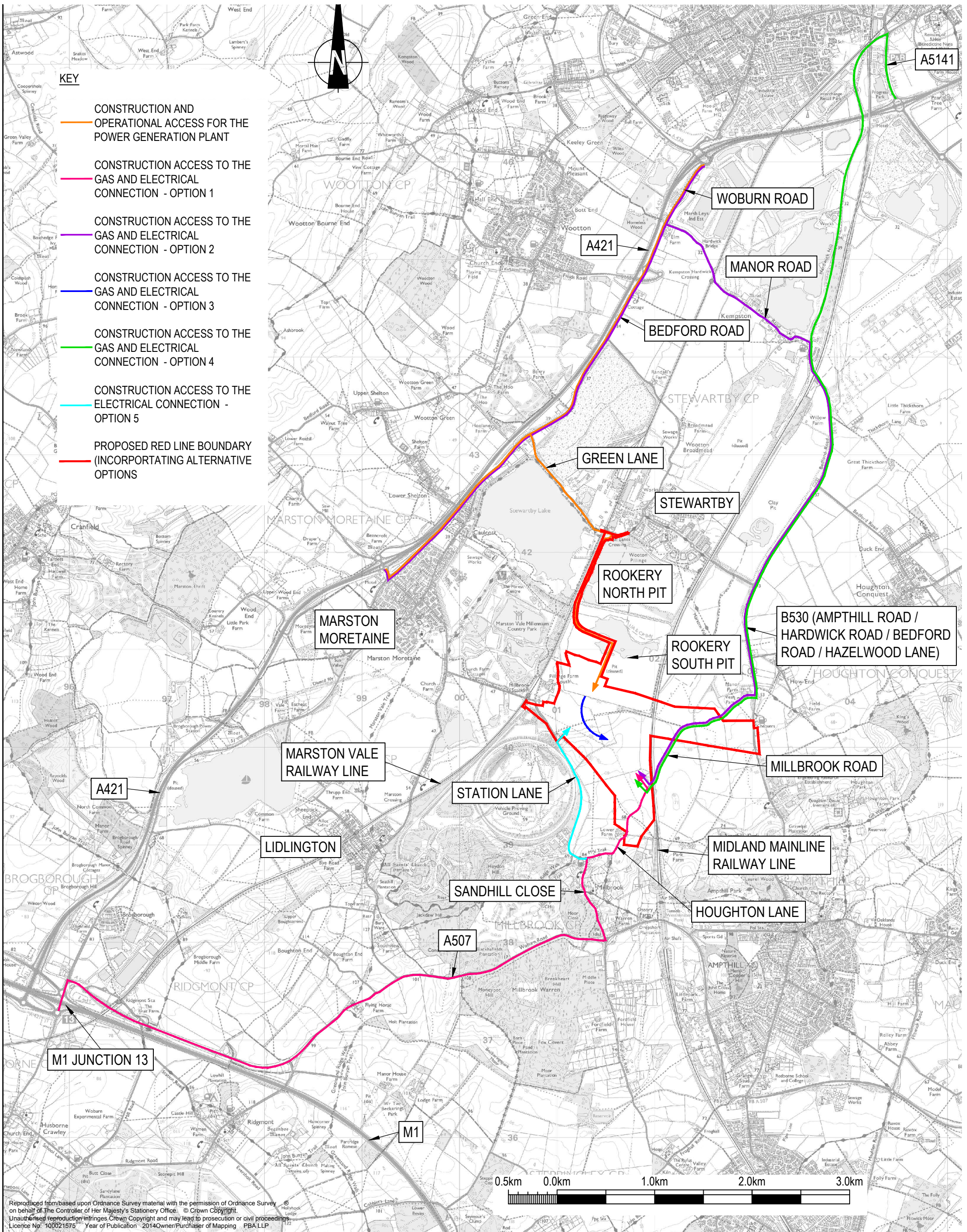
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MILLBROOK POWER PROJECT

LOCATION PLAN SHOWING

STRATEGIC TRANSPORT LINKS

Mark	Revision	Drawn	Date	Chkd
Drawing Status				
P.E.I.R. REPORT				
Date of 1st Issue	29/09/2014	Drawing Number	Revision	
A3 Scale	NTS	FIGURE 12.1 31116/3010/001		
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Checked by	JPH			



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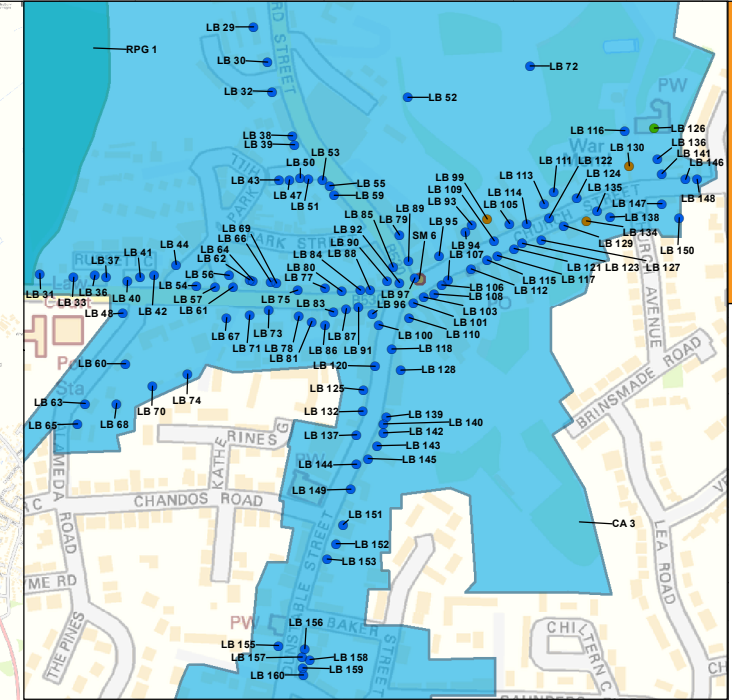
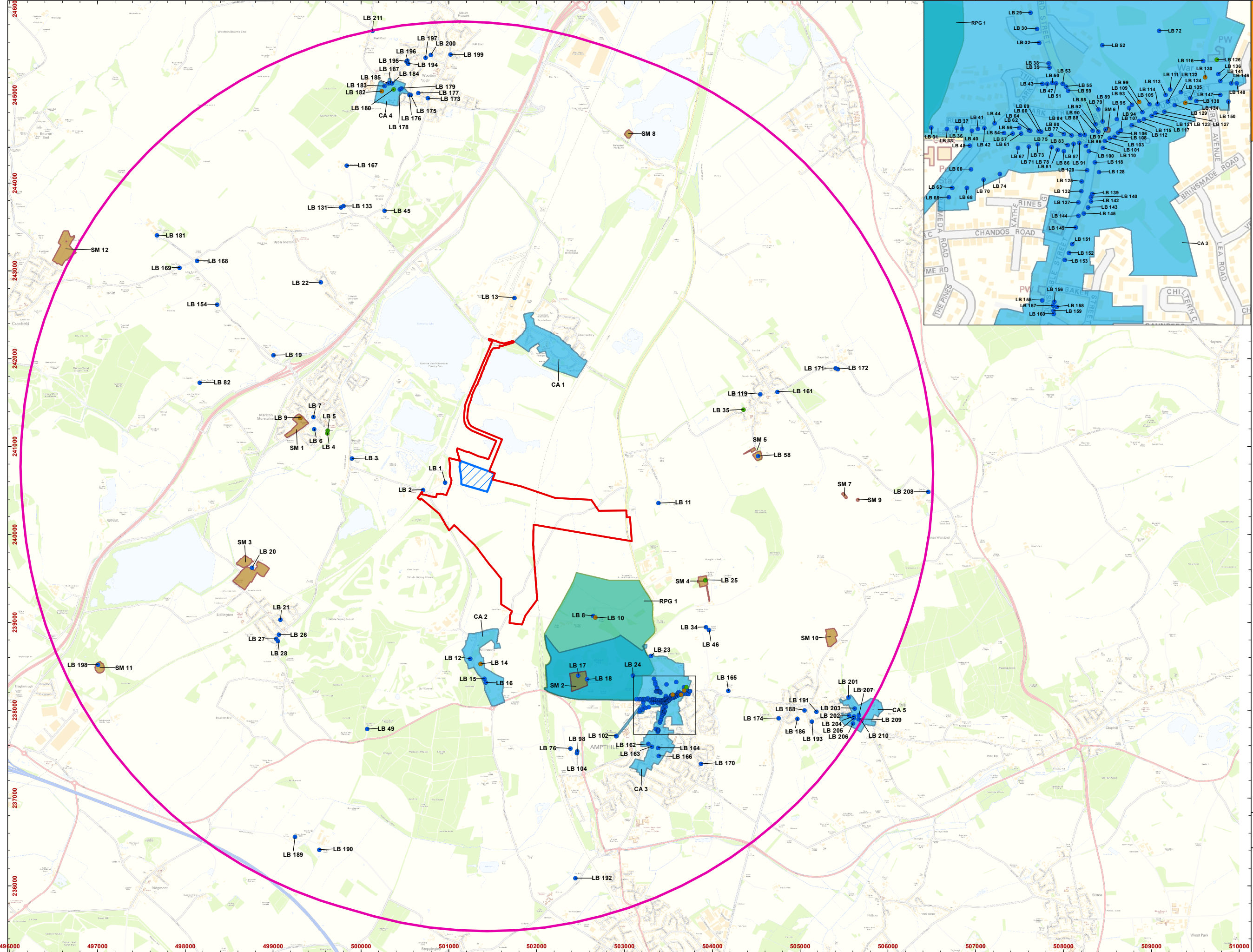
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**MILLBROOK POWER PROJECT
POTENTIAL CONSTRUCTION /
OPERATIONAL ACCESS ROUTES**

Mark	Revision	Drawn	Date	Chk
Drawing Status				
P.E.I.R. REPORT				
Date of 1st Issue	29/09/2014	Drawing Number	Revision	
A3 Scale	NTS	FIGURE 12.2		
Drawn by	TPA	31116/3010/002		
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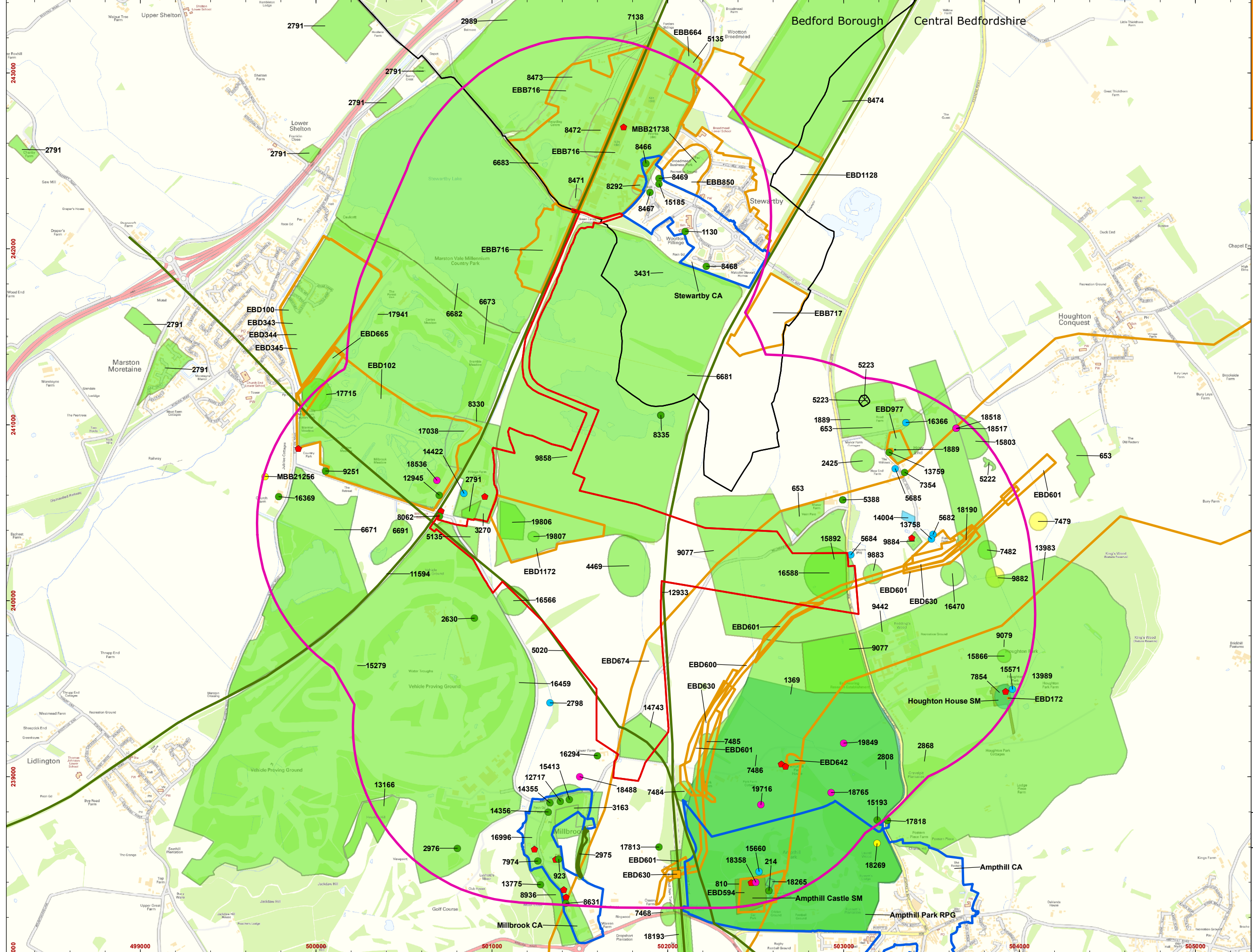


- Proposed Redline Boundary (Incorporating Alternative Options)
- Generating Equipment Site and Substation
- Search Buffer 5km
- Conservation Area
- Listed Building
 - Grade I
 - Grade II
 - Grade II*
 - Scheduled Monument
 - Registered Park & Garden



Scale at A3: 1:40,000
0 1.2km

Figure 13.1:
Designated Assets within
5km of the Generating
Equipment Site and
Substation

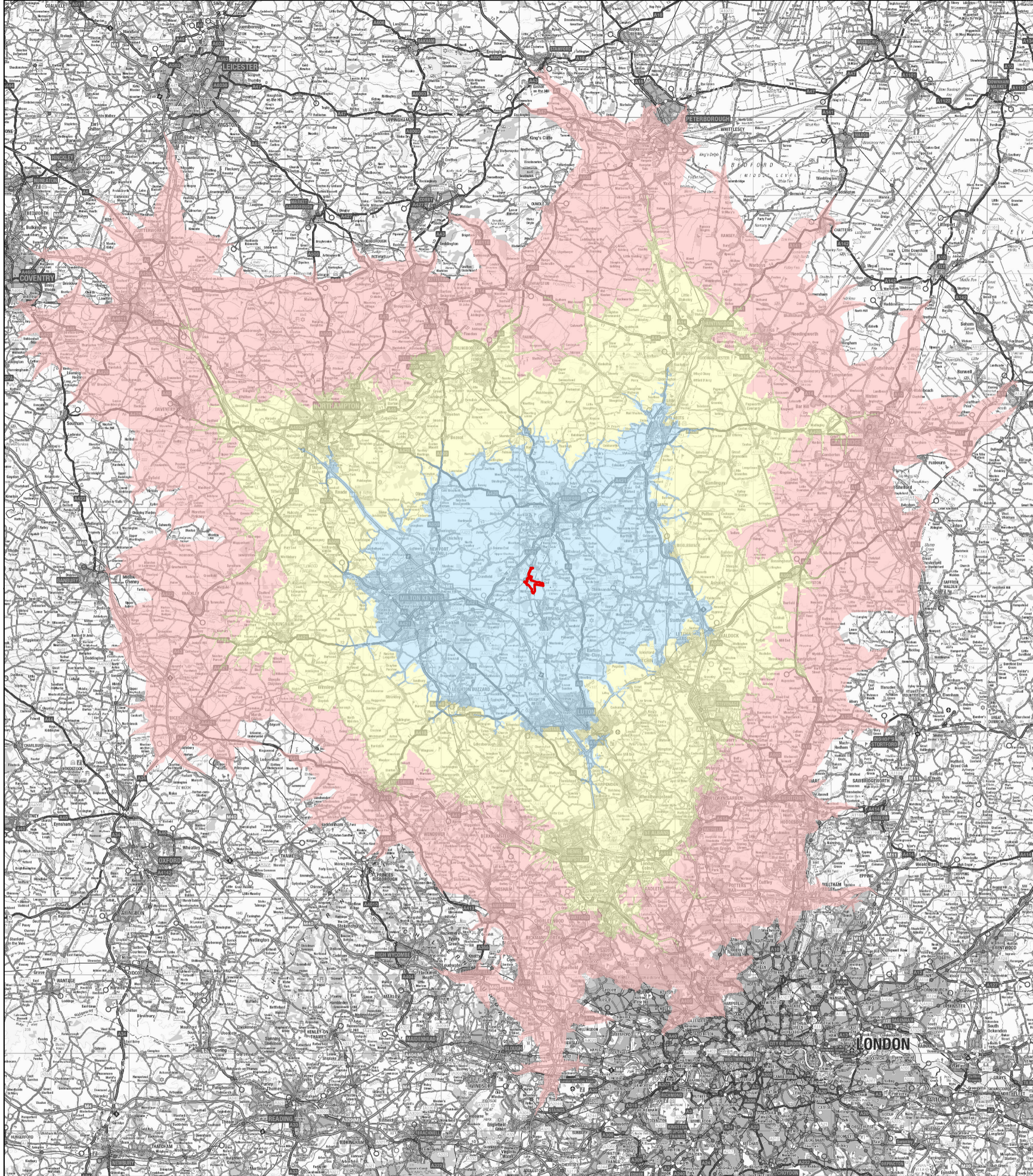


- Proposed Redline Boundary (Incorporating Alternative Options)
- Search Buffer 1km
- District Boundary
- Registered Park & Garden
- Scheduled Monument
- ♦ Listed Building
- Conservation Area
- Historic Building
- Find Spot
- Monument
- PAS Find
- Find Spot
- Monument
- Historic Building
- Monument
- Cropmark Record (Region)
- Event Record (Point)
- Event Record (Polygon)




Scale at A3: 1:20,000
 0 0.5km

Figure 13.2:
HER Distribution Map
(Bedfordshire HER)




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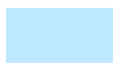
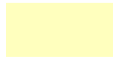

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Legend

 Proposed Redline Boundary (Incorporating Alternative Options)

Drivetimes (Off Peak)

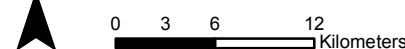
-  30 Minutes (Local Area)
-  30 - 45 Minutes (Wider Area)
-  45 - 60 Minutes (Wider Region)

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Drivetime Zones

Figure 14.1

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Legend

- Proposed Redline Boundary (Incorporating Alternative Options)
- 15km Buffer

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Scale	1:116,000 @ A3
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Figure Number	

15km Buffer

Figure 14.2

0 0.75 1.5 3 Kilometers